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Approved For	release	2003/01/30.	CIA-KDF 1 330 I	IUUMUU	P200 13000 i	-2

FOREWORD

All estimates are tentative and are based on all-source information and are agreed to by each component having representation in the EIC Subcommittee on Shipbuilding.

This report covers the years 1958, 1959, and 1960.

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Submarines		2
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Appendix I.	Detailed Estimate of the More Important Soviet Vessels, by Type and by Class, 1958, 1959, and 1960	3
Appendix II.	Summary of Production of Soviet Vessels, by Type and by Class, 1958, 1959, and	47

OF NAVAL AND MERCHANT VESSELS IN THE USSR* 1958, 1959, AND 1960

General

The estimate of production of naval and merchant vessels is presented in the following two parts:

Appendix I, "Detailed Estimate of Production of the More Important Soviet Vessels, by Type and by Class," and

Appendix II, "Summary of Production of Soviet Vessels, by Type and by Class."

The vessels listed under the heading <u>completed</u> are considered to have been delivered by a shippard complete and ready for service, although in the case of naval vessels they may not yet have been commissioned by the Navy.

The basic tonnage characteristics of each class of vessel, shown in the upper right hand corner of page in Appendix I, provide a relationship for converting to other categories of tonnage measurement to meet the special requirements of the individual user of this report.

Although the summary figures shown in Appendix II are identical with those found in the higher security classified Appendix I, the absence of any compromising data and the broad generalization used in Appendix II permits its lower classification.

Because of the lack of sufficient information to permit listing of individual types and classes of certain fishing and of inland vessels, a summary report of production estimates is included in Appendix II.

^{*} Estimates and conclusions are based on information available as of 1 August 1960.

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25X1

25X1

SUBMARINES

Estimates of production of the "G," and "F" Class are included herein, but lack of sufficient information precludes specific estimates of number and tonnage of other submarine programs believed underway.

An increasing amount of evidence indicates that construction of nuclear-powered submarines may have been underway for some time.

volved in this program.

Based on various reports and including the information that preparations for production of submarines began 25X1 in 1954, it is generally believed this shippard is the lead yard in the production of nuclear-powered submarines.

It is considered possible that the first Soviet nuclear-powered submarine was launched as early as 1958.

25X1

25X1

25X1

- 2 -

APPENDIX I

OF THE MORE IMPORTANT SOVIET VESSELS

BY TYPE AND BY CLASS

1958, 1959, AND 1960

COUNTRY: USSR NAVAL VESSEL PRODUCTION 25X1 ESTIMATE OF STATUS OF SUBMARINE PROJECTS 25X1 Under Construction at End Year 1960 Shipyard Unknown Unknown 1 25X1 Unknown Unknown Unknown Unknown 25X1

COUNTRY: USSR

NAVAL VESSEL PRODUCTION

ESTIMATE OF STATUS OF SUBMARINE PROJECTS

(Continued)

X1			
	Shipyard Unknown	Under Construction at End Year 1960 Unknown	
	Unknown	Unknown	
		1 or more (1 or more)	
		1 or more	
14			

25X1

25X1

25X1

COUNTRY: USSR				ease 2003/07/30 : Cl		NAVAL VESSEL PRODUCTION
USSR				Metric	English	Metric English
25X1D1A				L.O.A.:		1100110
				L.B.P.:		DISPLACEMENT
TYPE: SSB				Beam: NA	NA	Light Ship 1,950 Tons
CLASS: G		D		Draft:		Surface Vessel - Condition D . Ton
			The same of the sa	nd H.P.:	Under	Submarine - Condition M 2.600 Ton
		Comp	Leted	***	Construction	
*	Jai	nuary - June	Ju	ly - December	At Year End	
		Light Ship		Light Ship		
	No.	Tons (English)	No.	Tons (English)	No.	Remarks
	1	1,950	1	1,950		This class of probable SSB identified in fall 1959.
		1,750	1	1,750		Tonnage estimates shown here are based on assump-
			1	1,950		tion these submarines are larger than "Z-conversion
			1	1, 750		class both in respect to sail and to hull dimensions.
	1	[The first unit believed completed early in 1958.
				(4)		in in it is a serie to a completed conty in 1,30.
	7 :	1,950	2	3,900	-	
			3	5,850		
			1			
	2	- 3,900	3	5,850	•	
	*		2	3,900		
	1	-	1			25X1
	<u> </u>					
	2	3,900	5	9,750	 	
	+		7	13,650	 	Grand total completed - 10.
		3.000		5 050		
	2	3,900	3	5,850	2	
	1	1,950	2	3,900	2	
		1, 750	2	3, 700	4	
			1		-2.	
*			-		4	
1960 Six Months Totals	3	5: 850	5	9, 750	1	†
1960 Year Totals			8	15,600	4	Grand total completed - 18.

				Approved Fo	r Releas	se 2003/07/30 : CIA-R	DP79S01100A000	200150001-2
	COUNTRY: USSR				\$4.	Metric L.O.A.: 91.44	English 300.00	NAVAL VESSEL PRODUCTIO Metric English
25X1 [D1A TYPE: SS CLASS: F			Propu	lsion a	L.B.P.: Beam: 7.92 Draft: 5.79 nd E.P.: Diesel 6.	26.00 19.00 (max)	DISPLACEMENT Light Ship 1,470 1,450 Tons Surface Vessel - Condition D Tons 2 Submarine - Condition M 1 980 1,950 Tons
					Leted		Under	32 Submarine - Condition M , 1 980 1 950 Ton
1			Jan	nuary - June	Ju	Ly - December	Construction At Year End	
			No,	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
				·	2	2, 900	6	Program began inearly 1957; first sub- 2 marine completed in July 1958. Construction of this
								class may be underway at although there is insufficient evidence on which to base an estimate.
			-		2	2,900	6	† I
		<u></u>			2.	2,900	6	Grand total completed - 2.
			2	2,900	3	4,350	6	25X1 _
				F				
			4					
			_2]	2, 900	3	4, 350	6	
			<u>></u>		5	7, 250	6	Grand total completed - 7.
			3	4, 350	3	4, 350	4	Following the launching of thirteen F-class sub-
								marines, there has been an interruption of the program indicating that has instituted 2 some modifications in the design or that a new
7	1960 Six Months Total			(9)	}			class of submarine is now under construction. The
	1960 Year Total		_3 _	4, 350	3	4, 350		4 submarines estimated under construction at year en are tentatively designated "F-successor." Grand total completed - 13.
1					8			

				Approved Fo	or Releas	e 2003/07/30 : CIA-F	* RDP79S01100A000	200150001-2		
	COUNTRY: USSI	3				•				
						Metric L.O.A.: 126.48	English		NAVAL VESSEL PRODU Metric Engli	UCTI
1D1A	TYPE: I	מכ				TPP.		DISPLACEMENT		
Г	CLASS: 1	KOTLIN		Promi	1 md a	Beam: 12.65 Draft: 4.87	41.50 16.00 (max)	DISPLACEMENT Light Ship Surface Vessel - Condition D . 2.000ubmarine - Condition M	2, 390 2, 350 3, 560 3, 500	To
L				Comp	leted	no h.P.: 2 sets ge	ared turbines; 7	2.000ubmarine - Condition M ,	3,500	То
			Ja	nuary - June Light Ship	Ju	ly - December	Construction At Year End			
	Shipyard and	Location	No.	Tons (English)	No.	Light Ship Tons (English)	No.	Remarks		
1			1	2, 350				TOMOLAS		
$-\bar{1}$		_						*		
	1958 Six Month	s Totals	1-,	2.250						
ŀ	1.958 Yea.	r Totals	\Rightarrow	2, 350	1	2, 350		Grand total completed 20 D		
								Grand total completed - 30. Pro	gram terminated.	1
						•				
	*									
1 _										
1	L959 Six Months L959 Year	Totals Totals								
_						-		·		
				·						
ī	1960 Six Months	Totals								
Ī	L960 Year	Totals								

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR NAVAL VESSEL PRODUCTION English 415.00 126. 48 Metric English L.O.A.: 25X1D1A L.B.P.: TYPE: DDG 2,350 Tons 3,500 Tons Tons Beam: 12.65 CLASS: KILDIN Draft: 4,87 Propulsion and H.P.: Completed Construction 25X1 January - June Light Ship July - December
Light Ship
Tons (English) At Year End Shipyard and Location Tons (English) No. Remarks 25X1 1 2, 350 1 2, 350 1 2,350 4, 700 7, 050 2,350 2, 350 25X1 1959 Six Months Totals 1959 Year Totals 2,350 Grand total completed - 4. Program terminated. 1960 Six Months Totals 1960 Year Totals

			Approved Fo	or Releas	e 2003/07/30 : CIA-R	DP79S01100A0002	200150001-2
25X	COUNTRY: USSR 1D1A TYPE: DDG CLASS: KRUPNYY		Propu		Draft: 5 49	44.00 18.00 To turbines - 80.00	NAVAL VESSEL PRODUCTION Metric English DISPLACEMENT Light Ship 3,010 2,960 Tons ot. Surface Vessel - Condition B . 4,170 4,100 Tons 00 Submarine - Condition M Tons
->				leted	·	Under Construction	
5X1		Ja	nuary - June Light Ship	Ju	y - December	At Year End	
	Shippard and Location	No.	Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
				1	2, 960		Tentatively classified as a Krupnyy-type.
			• • • • • • • • • • • • • • • • • • •				
	-			1	2,960		
	ļ	> <		1	2, 960		
				1	2, 960		25X1D1A-1
		1		1	2, 960		
				2	5, 920 5, 920		Grand total completed - 3.
		1	2,960	1	2, 960	3	Grand total completed - 5.
				2	5, 920	2	
				1	2, 960	2	
	1960 Six Months Totals		2, 960	4	11.840		
	1960 Year Totals	><		5	14,800	7	Grand total completed - 8.

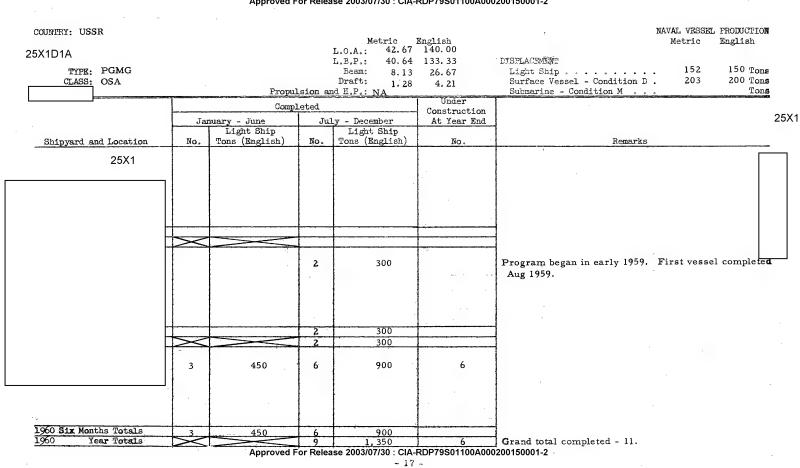
				Approved I	or Relea	ise 2003/07/30 : CIA-I	RDP79S01100A000	0200150001-2		
	COUNTRY: USS	SR.				Metric L.O.A.: 67.06	English 220.00		NAVAL VESSE Metric	L PRODUCTION English
25X1	ID1A TYPE: CLASS:			Propu	lsion a	L.B.P.: Beam: 9.14 Draft: 2.29 nd E.P.: Diesels:	30.00	DYSPLACEMENT Light Ship Surface Vessel - Condition D Submarine - Condition M	740	590 Tons 750 Tons
			L		leted		Under	- Santa Olon II		Tons
1			Jaa	uary - June	1	ly - December	Construction			
'				Light Ship	1	Light Ship	At Year End			
	Shipyard ar	nd Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks		
					4	2, 360		Program began in 1958 with the	completion	of 4 vessel
										Γ
					4	2, 360]		
			5	2,950	5	2, 360 2, 950				
										L
			5	2, 950	5	2, 950		1		
					10	5,900		Grand total completed - 14.		
			5	2, 950	5	2,950	5			
	1960 Six Month	од Шафайа								
	1960 SIX MONTH	ar Totals	5	2,950	5	2,950				
		COULD			10	5.900	5	Grand total completed - 24.		

COUNTRY: USSR Metric English English	PRODUCTION English 190 Tons 250 Tons Tons
CLASS: SASHA Beam: 6.09 20.00 Draft: 1.98 6.50 Propulsion and H.P.: 2 Diesels; 2.600 Submarine - Condition D. 254 Submarine - Condition M. Completed Completed Completed Construction At Year End Shipyard and Location No. Tons (English) No. Tons (English) No. Tons (English) 8 1,520 8 1,520 Program began in 1957 with the completion o	250 Tons
SX1 Completed Construction Construction At Year End	
Shipyard and Location No. Light Ship Tons (English) No. Tons (English) No. Remarks 8 1,520 8 1,520 Program began in 1957 with the completion o	
8 1,520 8 1,520 Program began in 1957 with the completion o	
Program began in 1957 with the completion o	2
8 1,520 8 1,520 Grand total completed 38	
Grand total completed - 28.	
8 1,520 8 1,520	
1 190	
8 1,520 9 1,710 17 3,230 Grand total completed 45	
Grand total completed - 45.	
6 1,140 6 1,140	
4 760 2	
1960 Six Months Totals 6 1,140 10 1,900 1960 Year Totals 16 3,040 8 Grand total completed 61	
16 3,040 8 Grand total completed - 61. Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2	

			, Approved	For Rel	ease 2003/07/30 : CIA	-RDP79S01100A0	000200150001-2
	COUNTRY: USSR						NAVAL VESSEL PRODUCTION
					Metric 1 39.62	English	Metric English
25X	1D1A				L.O.A.: 39.62 L.B.P.:	130.00	"DISPLACEMENT
	TYPE: PC				Beam: 4.95	16. 25	Light Ship 110 108 Tons
	CLASS: SO1				Draft: 1.80	5.92	Surface Vessel - Condition D . 146 144 Tons
[Propu	lsion a	nd H.P.: 3 Diesels	3,600	Submarine - Condition M Tons
			Comp	leted		Under	
		"Tar	nuary - June	ī	Ly - December	Construction At Year End	
1			Light Ship	1	Light Ship	At rear mid	-
	Shipyard and Location	No,	Tons (English)	No.	Tons (English)	No.	Remarks
		7	756	8	864		Program began in 1957 with completion of 5 vessels.
				-			
		7	756	8	864		-
		$\geq \leq$		15	1,620		Grand total completed - 20.
		12	1, 296	12	1,296		
		8	864	8	864		
		20	2, 160	20	2,160		1
				40	4, 320		Grand total completed - 60.
		12	1,296	12	1, 296	20	
		8	864	8	864		
	1960 Six Months Totals	20	2,160	20	2,160		+
	1960 Year Totals		4.100	40	4, 320	2.0	Grand total completed - 100.

			Approved Fo	r Releas	e 2003/07/30 : CIA-RI	DP79S01100A0002	200150001-2		
	COUNTRY: USSR				Metric 1 L.O.A.: 24.38	English 83.00		NAVAL VESSE Metric	L PRODUCTION English
25,	X1D1A TYPE: PT CLASS: P-6, P-8, P-	-10	Propu		L.B.P.: Beam: 6.10 Draft: 1.68	20.00 5.50 (P8, P10) 2,4	DISPLACEMENT Light Ship	. 74	60 Tons 73 Tons Tons
			Comp	leted		Under Construction			
25X1		Jar	nuary - June Light Ship	Jul	y - December Light Ship	At Year End	4		
23/(1	Shipyard and Location	No,	Tons (English)	No.	Tons (English)	No.	Remarks		
		10	, 600	10	600				25
		10	600	10	600				
		15	900	15	900				
		35	2,100	35 70	2,100 4,200				
		10	600	10	600				
		10	600	10	600				
		10	600	10	600				
	F	30	1,800	30 60	1,800 3,600				
		10	600	10	600	10		•	
		10	600	10	600	10			
		1.0	600	10	600	10			
	1%0 Six Months Totals 1%0 Year Totals	30	1,800	30 60	1,800	30	_		

	i .		Approved i	ror Relea	ise 2003/07/30 : CIA-	RDP/9501100A000	0200 13000 1-2	
	COUNTRY: USSR 5X1D1A TYPE: PTC CLASS: MO-VI		Ртогы		Metric L.O.A.: 24.38 L.B.P.: Beam: 6.10 Draft: 1.68	5, 50	NAVAL VESSEL PRODUCTION Metric English DISPLACEMENT Light Ship 61 60 Ton Surface Vessel - Condition D	18 18
			Annual Control of Section 2 (2)	leted	4	Under		
1		Tor	wary - June	1	Ly - December	Construction At Year End		
		0.87	Light Ship	1 500	Light Ship	At lear and		25
	Shipyard and Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks	_ 25/
		12	720	13	780		Program began in 1957 with completion of 5 units	
		12	720	13	780		25X1	
	-	24	1,440	26	1,560		-	
		$\geq <$		50	3,000		Grand total completed - 55.	
		10	600	10	600			
		12	720	13	780			
			·					
		22	1,320	23 45	1,380 2,700		Grand total completed - 100.	
		10	600	10	600	10		
		12	720	13	780	12		
	,		,					
	1960 Six Months Totals	22	1,320	23	1,380		-	
	1960 Year Totals	\sim		45	2,700	2.2	Grand total completed - 145.	



country: 25X1D1A	USSR				Metric : L.O.A.: 24.38	English 83.00	NAVAL VESSEL PRODU Metric Engli	
	YPE: PGMG ASS: OSTRYY		Propil		L.B.P.: Beam: 6.10 Draft: 1.68 nd H.P.: 3 Diesels	20.00 5.50		Tons Tons Tons
		7	Comp		itt iiii . J Diesei	Under		
		Jas	nuary - June	7	ly - December	Construction At Year End		
Shipya:	rd and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	
			, .					
958 S1x	Months Totals						4	
1.958	Year Totals	\geq						
•								
1959 Six 1959	Months Totals Year Totals							
=222							-	
				6	360	6	First vessels of new program observed under construction in in summer 1960.	n- 2
				<u> </u>				
1960 Six	Months Totals	t	İ.	6	360	I		

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2	COUNTRY: USSR 5X1D1A TYPE: AS CLASS: DON		Propu		Metric L.O.A.: 137.16 L.B.P.: 126.49 Beam: 16.76 Draft: 7.52 dd H.P.: 2 Diesels	415.00 55.00 25.00 ; 14,000	NAVAL VES Metric DISPLACEMENT Light Ship 7,160 Surface Vessel - Condition D . 9,090 Submarine - Condition M	SEL FROMUCTI English 7,050 To 8,950 To
			Comp	Leted		Under Construction		
		Ja	nuary - June	Ju	Ly - December	At Year End		
	Shipyard and Location	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	25X1D1
	- And	1	7,050	1	7, 050		Program began in early 1956, first ship completed 12/57.	
		1	7,050	1 2	7, 050 14, 100			
				1	7, 050			
				1	7, 050 7, 050		Grand total completed - 3.	
		1	7,050	1	7,050	2		
	1960 Six Months Totals	-			7,050		1	
	1960 Year Totals	\rightarrow		2	14, 100	3	Grand total completed - 5.	

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		-	Approved	l For Rel	ease 2003/07/30 : Cl	A-RDP79S01100A0	000200150001-2	
	COUNTRY: USSR						NAVAL VESSEL PRODUCTI	ON
~	EV4D4A				Metric L.O.A.: 56.39	English 185.00	Metric English	
2	5X1D1A					178.00	^DISPLACEMENT	
	TYPE: LSI				Beam: 7.92		Light Ship 610 600 To	าทร
	CLASS: MP-2				Draft;	20.00		ons
Γ			Propu	lsion ar	nd H.P.: NA			ns
٠			Comp	Leted		Under	·	
		Jai	nuary - June	1	Ly - December	Construction At Year End		
			Light Ship	1	Light Ship	110 1001 1110		
	Shipyard and Location	No.	Tons (English)	No.	Tons (English)	No.	Remarks	
		3	1,800	3	1,800		Program began in 1956. 12 vessels completed to en of 1957.	ıd
				1				
	-	3	1,800	3	1,800		-	
				6	3,600		Grand total completed - 18.	
		3	1,800	3	1,800			
						Į.		
	 	3	1,800	1-2	1,800		_	
		 √	1,800	6	3,600		Grand total completed - 24.	
	 			 ° -	3, 600	<u> </u>	Grand total completed - 24.	
		3	1,800	3	1,800	0		
	1960 Six Months Totals	3	1,800	3	1,800			
	1960 Year Totals	$\geq \leq$		6	3,600		Grand total completed - 30.	

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L.O.A.: 54.86 180.00 NAVAL VESSEL PRODUCTION Metric English 25X1D1A TYPE: LSC L.B.P.: DESPLA: NORME Beam: Light Ship .
Surface Vessel - Condition D .
Suomarine - Condition M . MP-4 Draft: 610 600 Tons Propulsion and H.P.: Tons Completed Under Tons 25X1 Construction January - June Light Ship July - December
Light Ship
Tons (English) At Year End Shipyard and Location No. Tons (English) No. No. Remarks 2 1,200 3 1,800 Program began in 1956 and terminated in 1958. 25X1 32 vessels completed. 2 1,200 3 1,800 2,400 3,600 10 6,000 1959 Six Months Totals 1959 Year Totals 1960 Six Months Totals 1960 Year Totals

Year Totals

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 72.69 238.50 Metric English L.O.A.: 25X1D1A L.B.P.: 68.56 224.95 DISPLACEMENT TYPE: LSC Beam: 10.02 32.88 CLASS: MP-6 800 Tons Draft: 3.7 12.14 800 Under 1,880 Tons Propulsion and H.P.: Submarine - Condition M Tons Completed Construction January - June Light Ship July - December At Year End 25X1 Light Ship Shipyard and Location Tons (English) Tons (English) Remarks 25X1 The basic ship is believed construction and completed either in 25X1 USSR as an LSC. Production is not included in USSR totals. 25X1 2,400 3 2,400 First vessels appeared in 1959. 1959 Six Months Totals 1959 Year Totals 25X1 3 2,400 3 2, 400 4.800 3 2,400 3 2,400 3 1960 Six Months Totals 1960 Year Totals 2,400 2, 400 Year Totals 4.800 Grand total completed - 12.

19 :

COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 60.96 200.00 25X1D1A Metric English L.O.A.: L.B.P.: DISPLACEMENT TYPE: LSM Basm: 9.75 32.00 CLASS: 700 Tons MP-8 711 Draft: Tons Propulsion and H.P. Tons Under Completed Construction January - June Light Ship July - December
Light Ship
Tons (English) At Year End Shipyard and Location No. Tons (English) No. No. 25X1 25X1 6 4,200 6 4,200 Program began in 1958. First vessels observed 1959. 1959 Six Months Totals 1959 Year Totals 6 4,200 6 4,200 Year Totals 12 8,400 25X1 6 4,200 6 4,200 6 1960 Six Months Totals 1960 Year Totals 6 4,200 4.200 Grand total completed - 24.

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR NAVAL VESSEL PRODUCTION Metric English : 38.40 124.00 Metric English L.O.A.: L.B.P.: DISPLACEMENT TYPE: LCU 25X1D1A CLASS: MP-10 Beam: Draft: 150 Tons 152 Propulsion and H.P. Tons Tons Under Completed 25X1 Construction January - June Light Ship July - December At Year End Light Ship Tons (English) Shipyard and Location No. Tons (English) No. No. Remarks 6 900 900 Program began in 1958. 25X1 900 900 6 Grand total completed - 12. 12 1,800 6 900 6 900 6 900 900 6 Grand total completed - 24. 6 900 6 900 6 1960 Six Months Totals 1960 Year Totals 6 900 900 Year Totals Grand total completed - 36.

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 COUNTRY: USSR Metric : 48.2 NAVAL VESSEL PRODUCTION English 158.14 L.O.A.: Metric English L.B.P.: 44.4 145.68 25X1D1% LCU DISPLACEMENT JEPLANDMANN Light Ship Surface Vessel - Condition D . Submarine - Condition M . . . Beam: CLASS: MP-SMB-1 6.5 21.33 305 300 Tons Draft: Propulsion and H.P.: 2.0 Diesels 6.56 530 Tons Tons 538 Completed Construction January - June Light Ship y - December Light Ship Tons (English) At Year End Shipyard and Location No, Tons (English) No. No. Remarks 25X1 25X1 6 1,800 6 1,800 6 1,800 6 1,800 3,600 Grand total completed - 12. 6 1,800 6 1,800 6 1960 Six Months Totals 1960 Year Totals

1,800

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2

Grand total completed - 24.

6

1,800

	COUNTRY: USSR	*		App	roved For Relea	ise 2003/07/30 : Ci/	A-RDP79S01100A000200150001-2		
25X [1D1A TYPE: TANK CLASS: KAZE	ER BEK			Propulsion	Metri L.O.A.: 145. L.B.P.: 138. Beam: 19. Draft; 1 and H.P.: 2 Die	50 477 39 DYGET ACTOMOTERS	Metrice 4,820 16,250 11,430	EL PRODUCTION English 4,740 Tens 15,990 Tens 11,250 Tens
				Comple		Under	dicas Abdistan	8, 229	8, 229 Tens
X1	Shipyard and Loc	ation	No.	Tons Light Ship	(English) Gross Register	Construction At Year End		25X1	
			2	9,480	16, 458		2 tankers completed in 1958 sold to		
			3	14, 220	24, 687		Buguruslan, Ushgorod, Petr Shirshov.		2
	F		5	23, 700	41,145		Grand total completed - 53.		
			3	14, 220	24, 687				
			4	18,960	32, 916				
	ļ		7	33, 180	57, 603		Grand total completed - 60.	25X1	
			1	4,740	8, 229	0			
			4	18,960	32, 916	3			
19	960 Year Totals		5	23, 700	41, 145				
							Grand total completed - 65.		

COUNTRY: USSR			.1				
25X1D1A			d		Metri L.O.A.: 202.	80 665.39 DISDLACTBARNER Metric	ESSEL PRODUCTION English
TYPE: T CLASS: p	ANKER EKIN			Propulsion	L.B.P.: 188. Beam: 25. Draft; 10. and H.P.: Geo.	00 616.83 Light Ship 9,310 80 84.65 Full Load 39,770 65 34.94 DEADWEIGHT 30,460 red Turbine: 19,000 SHP GROSS REGISTER 21,256	9,160 Tons 39,140 Tons 29,980 Tons
1			Complet	ted	Under Construction		21. 256 Tons
			Tons (English)	At Year End		
Shipyard and	Location	No.	Light Ship	Gross Register	No.	Remarks	
					2	Pekin keel laid 9/57, launched 12/58	
						Warsaw keel laid 7/58	
					3	Pekin fitting-out	
	·					Warsaw launched 8/59	
					-	Budapest keel laid c. 3/59	-
		·				, , , , , , , , , , , , , , , , , , ,	
		2	18,320	42,512	2	Pekin completed - 29 month under construction.	
			ĺ			Warsaw completed	
						Budapest launched 23 June 1960	
1960 Year Totals		2	18,320	42,512			

	untry: ussr 1D1A type: tanke class: oleg p	'R KOSHEV	VOT	:		Metric L.O.A.: 123. L.B.P.: 115. Beam: 16. Draft: 4	English 0 405. 20 DISPLACEMENT 2 377. 38 Light Ship	Metric Englis 1,819 1,790 6,060 5,960	Tons Tons
***		T				and H.P.: 2 Die	0 13.12 DEADWEIGHT	4, 241 4, 170 2, 950 2, 950	Tons Tons
			-	Comple		Under Construction			
	Shipyard and Locat	tion	No.	Tons Light Ship	English) Gross Register	At Year End	Remarks	25X1	
			4	7,160	11,800		1 Culta Ao		П
				,,100	11,000				
		}							Г
		İ							
			4	7, 160	11,800		Grand total completed - 14		
			4	7, 160	11,800	0			
			_	.,100	11,000		estimated 3 additional ships com	pleted names unkr	nown 2
									23
19	59 Year Totals		4	7,160	11,800	0	Grand total completed - 18. Program terminate	٠.	
							organic total completed 5 10. Program terminate	α.	
						,			
		1					w.		
	0 Year Totals	į							

	untry: ussr X1D1A		1		Metric	English 66 221.00		MERCHANT: VESS Metrice	EL PRODUCTI English
	TYPE: TANKER CLASS: KOBHI			Propulsion	L.O.A.: 67.3 L.B.P.: 63.7 Beam: 10.6 Draft: 4.5 and H.P.: 2 Di	209.00 00 32.80 17 15.00	DISPLACEMENT Light Ship Full Load DEADWEIGHT GROSS REGISTER	1,930 1,220	700 To 1,900 To 1,200 To 808 To
·			Complet	ed English)	Under Construction At Year End				
	Shipyard and Location	No.	Light Ship	Gross Register	No.		Remarks		
		3	2,100	2, 424	0	Program terminated - to naval and merchant		constructed ar	d delivered
<u>195</u>	58 Year Totals	3	2,100	2, 424					
195	59 Year Totals							· .	

		Áрр	roved For Releas	se 2003/07/30 : CIA	A-RDP79S01100A000200150001-2
COUNTRY: USSR 5X1D1A				Metric L.O.A.: 169.9	9 557.44 DISPLACEMENT
TYPE: CARGO CLASS: LENINSKIY K	OMSOMC	OL .	Propulsion	L.B.P.: 156.0 Beam: 21.8 Draft: 9.7 and H.P.: Geard	0 511.84 Light Ship 6,060 5,960 Tons
25X1		Comple	eted.	Under Construction	
Shipyard and Location	No.	Tons Light Ship	(English) Gross Register	At Year End	Remarks
					Program began in both yards in 2nd quarter 1957.
	1	5,960	12,090		lst ship - delivered Dec 60, 30 months under construction.
					25>
	1	5, 960	12,090		Grand total completed - 1,
	1	5,960	12,090	3	
	2	11,920	24,180	3	
1960 Year Totals	3	17,880	36, 27 <u>0</u>	6	-R5279sto17do200020tf5boo4:2

		;			Арр	roved For Releas	se 2003/07/30 : CIA	-RDP79S01100A00020	0150001-2	
25X1E			BCO C	COTTON	/TIMBER		Metric L.O.A.: 120.0 L.B.P.: 112.0	0 393.60 0 367.40	Metri DISPLACEMENT Light Ship 1,598	VESSEL PRODUCTION de English 1,570 Tons
	CLASS:	NZHEN	ER BE	LOV	/ IIMBER	Propulsion	Beam: 15.0 Draft; 4.0 and H.P.: 2 Die:	0 10 10	Full Load 5,310 DEADWEIGHT 3,712 GROSS REGISTER 2,900	5,230 Tons 3,650 Tons 2,900 Tons
25X1					Comple	(English)	Under Construction At Year End			
_	Shipyard	and Loca	tion	No.	Light Ship	Gross Register	No.	:	Remarks	25
				2	3,140	5,800				
				2	3,140	5,800				
				4	6, 280	11,600	2			

			• • • • • • • • • • • • • • • • • • • •			NDF 7 330 1 100A000200				
COUNTRY: USSR								MERCHANT VES	SEL PRODU	JCTION
X1D1A					Metric			Metrie	Englis	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					L.O.A.: 121.8		DISPLACEMENT		0	
			_		L.B.P.: 114.0		Light Ship	3, 160	3,110	Tons
	IBER/GRAI				Beam: 16.1	52.82	Full Load	9.420	9,270	Tons
CLASS: PA	ATIN AINO	GRADOV			Draft; 7.0	22, 97	DEADWEIGHT	6, 260		Tons
				Propulsion	and H.P.: 1 stag	e Gas turbine; 4000	DEADWEIGHT	4,750	6,160 4,750	Tons
		1	Complet	- ad	Under					
		1	compre	sea	Construction					
			Tons	English)	At Year End					
EV4			Light	Gross						
5X1 Shipyard and	Location	No.	Ship	Register	No.		Remarks			
							,			
	1			1						
				}	1					
		1			[
				1	1					
				1						
		-								
						•				
						•				
					1 , 1	D	11 16 1050			
				Ī	1	Program began sec	ond half 1959.			
			•	{						
		1								
					1	· 25X1		~		
						· -				
			2 110	4 750						
		1	3,110	4,750	2					
	_									
		l i		1						
				1						
				Ī						
										
1960 Year Totals		1 7	3,110	4,750	2					

. .

				Арр	roved For Releas	se 2003/07/30 : CIA	A-RDP79S01100A000200150001-2		
	COUNTRY: USSR						MERCHANT VESSEL PRODUCTION		
25X	(1D1A					Metric L.O.A.: 130.8	English Metric English		
						L.B.P.: 118.0	and the second of the second o		
	TYPE: REFE		OR			Beam: 16.			
r	CLASS: SEVA	STOPOL				Draft: 6	70 21.98 DEADWEIGHT 4.140 4.080 Tons		
٠ ل					Propulsion	and H.P.: Dies	el/Eiec.: 7. 200 (6, 230 SHPROSS REGISTER 5, 523 5, 523 Tons		
				Complet	ted	Under			
25X1			Mana (Rush)			Construction	·		
23/1			Tons (English) Light Gross		At Year End				
	Shipyard and Location		No.	Ship	Register	No.	Remarks		
		1		1					
		-		[1.		A second series of refrigerator ships was started in late		
			ł	İ		1	1957 or early 1958. This series, known as the Sevastopol-class, has		
				}	1		the same general hull and propulsion characteristics as the Aktyubinsk-		
				[class but differs from this class by including facilities for processing whale meat and a quick-freeze compartment for freezing both whale meat and fish.		
			İ	1					
				ŀ		1	meat and fish.		
							1		
			2	9,500	11,046	1			
		· .				1			
				•					
					ł		25X1		
			2		ļ	 			
				9,500	11,046	 1	-		
				4 ===			25X1		
			1	4,750	5,523	1			
		J		i	i		Assume program continuing on only one way.		
					ł				
					1		s.		
						Ì			
	1960 Year Totals		1	4,750	5, 523	 	Grand total completed - 3.		
				Ann		co 2003/07/30 · CI/	A_PDP79S01100A000200150001_2		

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		- ∠bbi	oved i oi iteleas	e 2003/01/30 . OIA	-RDP79S01100A000200150001-2	
COUNTRY: USSR					English Metric	SSEL PRODUCTION English
TYPE: REFRIGERATOR CLASS: AKTYUBINSK Propulsion				L.B.P.: 118. Beam: 16.	DISPLACEMENT 00 387.16	4, 080 Tons 10, 090 Tons 6, 000 Tons 5, 217 Tons
	Completed			Under Construction		
Shipyard and Location	No.	Light Ship	Gr o ss Register	No.	Remarks	
	4	16,320	20,868	0	Program terminated.	2
.958 Year Totals	4	16, 320	20,868	0	Grand total completed - 14.	
959 Year Totals						
					· · ·	
960 Year Totals						
	TYPE: REFRIGERATE CLASS: AKTYUBINSK Shippard and Location 958 Year Totals	TYPE: REFRIGERATOR CLASS: AKTYUBINSK Shipyard and Location No. 4 958 Year Totals 4	TYPE: REFRIGERATOR CLASS: AKT YUBINSK Complet Tons (Light Ship 4 16,320 958 Year Totals 4 16,320	TYPE: REFRIGERATOR CLASS: AKTYUBINSK Completed Tons (English) Light Gross Ship Register 4 16,320 20,868	D1A	Metric English Metric English Metric English Metric English Metric Metric Lo.A.: 130.85 -429.32 DISPLACEMENT Metric Lo.B.P.: 118.00 387.16 Light Ship 4,150 Beam: 16.80 55.12 Full Load 10,250 Draft: 7.50 24.60 (6,230 SHIPARMEIGHT 6,100 Draft: 7.50 24.60 (6,230 SHIPARMEIGHT 6,100 Metric Completed Construction At Year End Light Gross Ship Register No. Remarks

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION. COUNTRY: USSR English English 390.44 Metric: Metric 25X1D1A L.O.A.: 119 L.B.P.: 108 DISPLACEMENT 3,750 354.35 Light Ship . 3,810 Tons TYPE: PASSENGER CLASS: ZABAYKALYE Beam: 19.4 Draft; 5.4 7,000 Full Load . 7,100 Tons 63.65 3, 300 5, 750 DEADWEIGHT . 3, 250 5, 750 Tons Tons 17.8 DEADWEIGHT . . : 5.900 (3 screwsGROSS REGISTER 5.4 Propulsion and H.P.: Diesel Completed Under Construction Tons (English) Light Gross At Year End 25X1 Gross 25X1 Shipyard and Location No. Ship Register No. Remarks - completed in 1957. 3,750 5,750 0 First vessel of this class Second vessel -25X1 25X1 Program believed terminated. 3,750 5, 750 Grand total completed - 2. 1958 Year Totals 25X1 1959 Year Totals

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1960 Year Totals

TYPE: PASSENGER Beam: 14.60 47.90 Full Load 2,960 2, Draft; 3.76 12.34 SHP)DEADWEIGHT	2, 350 Tons 2, 910 Tons 567 Tons 3, 219 Tons	333.00 DISPLACEMENT 208.40 Light Ship 2,384 2, 47.90 Full Load 2,960 2, 12.34 SHP)DEADWEIGHT 576 Total 4.000(3,760 GROSS REGISTER 3,219 3,	L.B.P.: 94.0 Beam: 14.6 Draft; 3.7 and H.P.: 2 Dres Under Construction At Year End	ed English)	Complet			TYPE:
Shipyard and Location No. Ship Register No. Remarks	25 <i>></i>	Remarks	Construction At Year End	English)	Complet			b.7
Shipyard and Location No. Ship Register No. Remarks	25>	Remarks						
		· · · · · · · · · · · · · · · · · · ·			Light	No.	and Location	Shipyard
2 4,700 6,438 1 Program may terminate with 3 ships.	25>			6 428	4.700	2		

Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION. COUNTRY: USSR Metric English Metric L.O.A.: 134.00 English 439.65 25X1D1A DISPLACEMENT 14, 270 Tens 14,500 L.B.P.: 122,83 403,00 Light Ship 15, 750 Tons 1, 480 Tons 13, 000 Tons Beam: 27.60 Draft; 9.20 TYPE: ICEBREAKER (ATOMIC) CLASS: LENIN 16,000 90,56 Full Load DEADWETCHT . Draft; 9.20 Propulsion and H.P.: Turbo/E 30.19 1,500 GROSS REGISTER 3,000 Completed Under Construction Tons (English) ight Gross At Year End 25X1 Light Remarks Shippard and Location No. Ship Register No. 25X1 Construction began first half 1956; keel laid Aug 1956; launched 1 5 Dec 1957; completed fall 1959. 14, 270 13,000 0 1 1959 Year Totals 14,270 13,000

1960 Year Totals

	\			٠.			DDD7004400400	*			
	OUNTRY: USSR (1D1A TYPE: ICEB CLASS:	REAKER	(PORT)	Арі		Metric L.O.A.: 67.67 L.B.P.: 62.90 Beam: 18.06 Draft; 5.50 and H.P.: Diese	203. 42 59. 25 18. 05	DISPLACEMENT Light Ship . Full Load DEADWEIGHT GROSS REGISTER .	MERCHANT VESS Metric 2,438 2,718 280 2000	EL PRODU Englis 2,400 2,675 275 2,000	
 5X1			N	Light	(English) Gross Register	Under Construction At Year End		Remarks			
_	Shipyard and L	ocation	No.	Ship	Register	NO.		Tight Ap			2
								25	5X1		
						1	Series construction		began in late 1959		
						1			N.		
			1	2,400	2, 000	3					
		1									
Ĩ	1960 Year Totals		1	2,400	2,000	3	1				

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COUNTRY: USSR 25X1D1A TYPE: TANKER-V CLASS: OLEG KOS		RIER		Metric L.O.A.: 123.5 L.B.P.: 115.0		MI DISPLACEMENT	RCHANT VESS Metric	EL PRODU Englis	
		RIER		T. R P • 115 A			1 010	1. 700	Tons
31			Propulsion	Beam: 16.0 Draft; 4.0	2~ 52.56	Light Ship Full Load DEADWEIGHT		5,960 4,170	Tons Tons
		Complet	ed English)	Under Construction At Year End					
		Light	Gross	No recur man					
1. Shipyard and Locatic	n No.	Ship	Register	No.		Remarks			
	1	1,790	2, 950						
_	<u>-</u> -	1,790	2, 950						
	1	1,790	2, 950	·			·		
				-					
1959 Year Totals		1.790	2,950	 	Grand total completed	- 3. Program terminat	æd.		
						Ū			
1960 Year Totals					1				

*Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2 MERCHANT VESSEL PRODUCTION COUNTRY: USSR Metrice English Metric L.O.A.: 84.70 L.B.P.: 75.00 English 277.90 246.08 DISPLACEMENT 25X1D1A 2, 358 2, 320 Tens Light Ship 3, 658 3,600 Tons TYPE: HYDROGRAPHIC SURVEY Full Load Beam: 14.00 --45,93 1,300 3,170 1,280 3,170 Draft; Propulsion and H.P.: DEADWEIGHT . Tons CLASS: VOYEYKOV 5.54 18.18 2000GROSS REGISTER Completed Under Construction Tons (English) At Year End 25X1 Light Gross 25X1 Remarks No. Shipyard and Location No. Ship Register class fish factory vessels were com-Two hulls of the 25X1 pleted as vessels. 25X1 1 2,320 3,170 25X1 2, 320 3,170 25X1 1 2,320 3,170 1960 Year Totals 2, 320 Approved For Release 2003/07/30 : CIA-RDP79S01100A000200150001-2

,	No.		*Apı	proved For Relea	ase 2003/07/30 : Cl/	A-RDP79S01100A00020015	0001-2		
	COUNTRY: USSR (1D1A	I			Metric L.O.A.: 133.7 L.B.P.:		DISPLACEMENT Light Ship	Metrice 2,550	English 2,510 Tons
[TYPE: CAR FERRY CLASS: CASPIAN			Propulsion	Beam: 18.3 Draft; 4.5 and H.P.: Diese		Full Load		5,910 Tons 3,396 Tons 4,500 Tons
·			Complet	English)	Under Construction At Year End				
	Shipyard and Location	No.	Light Ship	Gross Register	No.		Remarks		
25X1							•		
	1958 Year Totals								
								4.	
	1959 Year Totals					<u>-</u>			
25X1 [1	To build several (post	sibly 4) during the seve completion in 1961.	n-year plan.	First
		1	T .	1	1	i ·			

•		*Арр	roved For Relea	se 2003/07/30 : CIA	RDP79S01100A000200150001-2	
5X1D1A TYPE: FISH FACT CLASS: MAYAKOV		LER	Propulsion	Metric L.O.A.: 84.7 L.B.P.: 75.0 Beam: 14.0 Draft: 15.5 and H.P.: Diese	246.08 Light Ship 2,358 2,320 To 3,658 3,600 To	ons ons ons
		Complet	ed	Under Construction		
X1 Shipyard and Locatio	n No.	Tons (Light Ship	English) Gross Register	At Year End	25X1 Remarks	
	8	18,560	25, 360		Program started in 1957.	
_	8	18,560	25, 360		Grand total completed - 8.	
	11	25,520	34,870			
				25X1D1A		
	11	25,520	34, 870		Grand total completed - 19.	
	11	25,520	34,870	5	The second research ship, was completed in 19	60. 5X
!						
1960 Year Totals		25,520	34,870	5.	Grand total completed - 30.	

25X1D1A L.B.P.: 145 475.75 TYPE: CRAB FACTORY Beam: 20 65.62 Draft: 23.07	SPLACEMENT Light Ship	. 15,300 6,350	8,810 15,060 6,250 9,500	
Construction Tons (English) At Year End Light Gross	Remarks			
	Remarks			
1 Keel for first ship laid A	pril 1959.			
1959 Year Totals		· · · · · · · · · · · · · · · · · · ·		
2 launche 61. Seçond vessel reported u	ed 20 April 60. Estander construction			rly

	25)	COUNTRY: USSR X1D1A TYPE: WHALE FACTO CLASS: SOVETSKAYA N				Metric L.O.A.: 217.8 L.B.P.: 200.0 Beam: 27.8 Draft: 10.6	0 656.20 Light 6 0 91.21 Full L 0 34.78 DEADWEIG		17, 100 16 43, 800 43 26, 700 26	PRODUCTION nglish ,830 Tons ,110 Tons ,280 Tons	
	· · · · ·				English)	Under Construction At Year End			25X ²	1	
	1	Shipyard and Location	No.	Light Ship	Gross Register	No.		Remarks			
25X:	1	1958 Year Totals	1	16,830	32, 024	1 1	Program to consist of 3 ships. down about Apr 1957, launched Second ship in program, launch of first ship and schedu completion fall 61. Third ship down following launch of secon late fall 62. 25X1	l 23 Jan 59 and led for launching,	laid down follong Oct 60. Est estimate	owing imate d laic	25X
25X ⁻	The second of th	25X1	1	16,830	32, 024	2					
		1960 Year Totals	ļ	ļ	↓	2					

	Y.		, App	oroved For Releas	se 2003/07/30 : CIA	4-RDP79S01100A000200150001-2
	COUNTRY: USSR		,		Metric L.O.A.: 63.6	
2	5X1D1A TYPE: WHALE CATO CLASS: MIRNYY	HER		Propulsion	L.B.P.: 59.7 Beam: 9.5 Draft; 4.2	75 196.04 Light Ship 957 940 Tons 52 31.24 Full Load 1,273 1,250 Tons
25X1			Complet Tons (English)	Under Construction At Year End	25X1
20/(1	Shipyard and Location	No.	Ship	Register	No.	Remarks
		10	9,400	8,400		Program started in 1956 with completion of 3 ships. 25 Eight ships were completed in 1957 Total program estimated to be about 80 ships.
	25X1					25X1
	1958 Year Totals	10	9,400	8,400		Grand total completed - 21.
		14	13,160	11,760		
	25X1				•	
	1959 Year Totals	14	13,160	11,760		Grand total completed - 35.
		16	15,040	13,440	10	
	25X1					

Grand total completed - 51.

1960 Year Totals

15, 040

APPENDIX II

SUMMARY OF PRODUCTION

OF SOVIET VESSELS

BY TYPE AND BY CLASS

1958, 1959, AND 1960

	COUNTRY: USSR				Completed			Under Construction	1958
. :		,	nuary - June Light Ship	,	ly - December Light Ship		Total Light Ship	At Year End	Remarks
	Type and Class	No.	Tons (English)	No.	Tons (English)	No.	Tons (English)	No.	Remarks
	SUBMARINE:								
. ;	SS	-							
	F	-		2	2,900	2	2, 900		2
	r			-	2,,,,,		-,,		2
	SSB								
	G	1	1,950	2	3,900	3	5,850		This class of probable SSB identified in fall of 1959.
		1							nage estimates shown her
									based on assumption these marines are larger than '
									conversion"-class both in
		1		1					spect to sail and to hull dimensions. The first un
									lieved completed early 19
									[43]
	PROBABLE NUCLEAR								(See note page 54)
· j	į								
	<u>.</u>								
	*	1							
		1							
		į.		į		1			
	•								
				}	Ī				

COUNTRY: USSR								NAVAL VESSEL PRODUCTION		
				Completed			Under Construction	1958		
-	Ja	nuary - June Light Ship	Ju	ly - December Light Ship		Total Light Ship	At Year End	1		
Type and Class	No.	Tons (English)	No.	Tons (English)	No.	Tons (English)	No.	Remarks		
SURFACE COMBAT	ANT									
DĐ										
Kotlin	1	2, 350			1	2, 350	ì	Program terminated . Total 30.		
DDG		0.050		4.500		7.050				
Kildin Krupnyy	1	2, 350	2	4,700 2,960	3	7, 050 2, 960				
MSF					ŀ					
T-58			4	2, 360	4	2, 360		Program began in 1958.		
MSL										
Sasha	8	1,520	8	1,520	16	3, 040		Program began in 1957.		
PC PC										
SO1	7	756	8	864	15	1,620		Program began in 1957		
PT										
P-6, P-8, P-10	35	2,100	35	2,100	70	4, 200				
PTC										
MO-VI	24	1,440	26	1,560	50	3,000		Program began in 1957.		

	COUNTRY: USSR		Арріочен		ase 2003/07/30 : CIA-	1101 7001	,	-	NAVAL VESSEL PRODUCTION
	UDSK				Completed			Under Construction	1958
2	2	Ja	nuary - June	Ju	ly - December	l —	Total	At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	AUXILIARY VESSELS								·
	AS				·				25>
X1	Don	1	7, 050	1	7,050	<u>2</u>	14,100	N.	
	AMPHIBIOUS VESSELS								
	LSI								
	MP-2	3	1,800	3	1,800	6	3, 600		Program began in 1956.
	LSC	.]							
	MP-4	4	2, 400	6	3,600	10	6,000		Program began 1956, te: nated in 1958.
	LCU								
	MP-10	6	900	6	900	12	1,800		Program began in 1958.
	TOTAL AMPHIBIOUS VESSELS	13	<u>5,100</u>	<u>15</u>	<u>6, 300</u>	28	11,400		
· .									
	•								

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COUNTRY: USSR				Completed			Under Construction	1
	Ja	nuary - June	Ju	ly - December Light Ship		Total	At Year End	4
Type and Class	No.	Light Ship Tons (English)	No.	Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
SUBMARINE								
SS								
F	2	2,900	3	4, 350	5	7, 250		Grand total completed - 7.
SSB								
G	2	3,900	5	9,750	7	13,650		Grand total completed -
PROBABLE NUCLEAR					ļ			(See note page 54)
								25X1

					Completed			Under Construction	1959
		Je	nuary - June	July - December			Total	At Year End	
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	SURFACE COMBATANT VESSELS								
	DDG	1							
	Kildin Krupnyy 1	1	2, 350	2	5,920	1 2	2, 350 5, 9 20		Program terminated. Total - 4
	MSF								
	T = 58	5	2, 950	5	2, 950	10	5,900		
	MSI						٠		
	Sasha	8	1,520	9	1,710	17	3, 230		
	PC SO1	20	2.1/0		(-	}			
	PT BET	20	2,160	20	2,160	40	4, 320		
	P-6, P-8, P-10	30	1,800	30	1,800	60	3, 600		
	PTC								
	MO-VI	22	1,320	23	1,380	45	2, 700		
•	PGMG								,
:	Osa			2	300	2	300		Program began in 1959.
	TOTAL SURFACE COM- BATANT VESSELS	86	12, 100	<u>91</u>	16, 220	<u>177</u>	23, 320		

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Type and Class No. Light Ship No. Light Ship Tons (English) No. Light Ship Tons (English) No. Light Ship Tons (English) No. Light Ship Tons (English) No. Light Ship Tons (English) No. Remarks AUXILLARY VESSELS AS						Completed			Under	1959
Light Ship No. Tons (English) No. T			Je		Ju	ly - December	1	Total		
AUXILIARY VESSELS AS Don AMPHIBIOUS VESSELS LSI MP-2 3 1,800 3 1,800 6 3,600 LSM MP-8 6 4,200 6 4,200 12 8,400 MP-10		Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship		Remarks
Don		AUXILIARY VESSELS								
AMPHIBIOUS VESSELS LSI MP-2		AS								
AMPHIBIOUS VESSELS LSI MP-2 3 1,800 3 1,800 6 3,600 25X1 (3) (2,400) (3) (2,400) (6) (4,800) Built for USSR included in USSR totals) 25X1 MP-8 AMP-8 AMP-10 MP-10 MP-10 MP-SMB-1 AMP-10 MP-SMB-1 AMP-BMB-1 A		Don			1	7,050	1	7,050	``	2
MP-2 3 1,800 3 1,800 6 3,600 25X1 (3) (2,400) (3) (2,400) (6) (4,800) LSM MP-8 6 4,200 6 4,200 12 8,400 MP-10 MP-SMB-1 6 1,800 6 1,800 12 3,600 TOTAL AMPHIBIOUS		AMPHIBIOUS VESSELS					_			
MP-2 3 1,800 3 1,800 6 3,600 25X1 (3) (2,400) (3) (2,400) (6) (4,800) Built for USSR included in USSR totals) 25X1 MP-8 6 4,200 6 4,200 12 8,400 MP-10 6 900 6 900 12 1,800 MP-SMB-1 6 1,800 6 1,800 12 3,600 TOTAL AMPHIBIOUS		LSI								
LSM C2,400) (3) (2,400) (6) (4,800) Built for USSR included in USSR totals) 25X1		MP-2	3	1,800	3	1,800	6	3,600		
CU COLUMB Columb Colum		2574								
LSM		25/1	(3)	(2, 400)	(3)	(2, 400)	(6)	(4,800)		Built for USSR
MP-8 6 4,200 6 4,200 12 8,400 Program began in 1958, first vessels observed 1959. MP-10 6 900 6 900 12 1,800 MP-SMB-1 6 1,800 6 1,800 12 3,600		LSM								included in USSR totals)
LCU MP-10 MP-SMB-1 TOTAL AMPHIBIOUS MROSSIBLE AMPLIBIOUS MROSSI			6	4, 200	6	4 200	12	0.400		
MP-SMB-1 6 1,800 6 1,800 12 1,800 TOTAL AMPHIBIOUS		LCU		-, 2 · ·		4, 200	12	8,400		Program began in 1958, first vessels observed 1959.
TOTAL AMPHIBIOUS										
VEGGET 0		ME-9MP-I	6	1,800	6	1,800	12	3, 600		% .
	_		21	8,700	<u>21</u>	8,700	42	17, 400		

				4	Completed			Under Construction	196
		Ja			ly - December		Total	At Year End	1
	Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks
	SUBMARINES								25X
	<u>SS</u>								25X1
•	F	3	4, 350	3	4, 350	6	8,700	. 4	Grand total completed - 13. Following the launching of 1 F-class submarines,
	SSB								The 4 construction mated under constructive year end are tentative Successor."
	G PROBABLE NUCLEAR*	3	-5, 850	5	9, 750	8	15, 600		*There is evidence that nucle powered submarines are un construction. The first uni may have been completed as early as 1958. If so, as mas four such submarines co have been completed by mid 1960.

				Completed			Under		196	ō
	Ja	nuary - June	Ju	ly - December	1	Total	Construction At Year End			
Type and Class	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks		
SURFACE COMBATANT VESSELS									25X1	-
DDG										25
Krupnyy	1	2,960	4	11,840	5	14,800	7		П	
MSF									#	
T-58	5	2 , 9 50	5	2,950	10	5, 900	.5			
MSL										
Sasha	6	1,140	10	1,900	16	3, 040	8			
PC										
SO1	20	2,160	20	2,160	40	4, 320	20			
PT										
P-6, P-8, P-10	30	1,800	30	1,800	60	3,600	30			
PTC										
MO-VI	22	1,320	23	1,380	45	2,700	22			
PGMG									*	
Osa Ostryy	3	450	6 6	900 360	9	1,350 360	6			
TOTAL SURFACE COM- BATANT VESSELS	87	12,780	104	23, 290	<u>191</u>	36, 070				

					Completed		•	Under Construction		1960
		, Ja	nuary - June Light Ship	Ju	ly - December		Total	At Year End		
	Type and Class	No.	Tons (English)	No.	Light Ship Tons (English)	No.	Light Ship Tons (English)	No.	Remarks	
	AUXILIARY VESSELS									
	AS									
	Don	1	7,050	1	7,050	2	14,100	2		
٠	AMPHIBIOUS VESSELS							_		2
_	<u>LSI</u> 25X1									
		3	1,800	3	1,800	6	3,600	0	Program probably termi	
	LSM	(3)	(2, 400)	(3)	(2, 400)	(6)	(4, 800)	. (3)	Built for USS included in USSR totals	
	MP-8	6	4,200	6	4, 200	12	8,400	6	25X1	
	LCU								\	
	MP-10 MP-SMB-1	6 6	900 1,800	6	900 1,800	12 12	1,800 3,600	6 6		
	TOTAL AMPHIBIOUS VESSELS	21	<u>8,700</u>	21	8,700	42	17,400			
								·		

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Ξ	COUNTRY: USSR		Comple	ted	Under Construction	1958
				(English)	At Year End	
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
•	MARITIME					
	WINTER THE PROPERTY OF THE PRO					,
	Tanker					
	Kazbek class	5	23, 700	41,145		Total vessels completed - 53.
	Oleg Koshevel	. 4	7,160	11,800		Total vessels completed - 14.
	Kobhi	3	2,100	2, 424		Total vessels completed - 30. Program terminated.
	Total tanker	12	32, 960	55, 369		
	Cargo	0	0	0		
	Refrigerator		1			
	Aktyubinsk class	4	16, 320	20,868		Total vessels completed - 14. Program terminated.
	Passenger					
	Zabaykalye class	1	3, 750	5, 750		Total vessels completed - 2. Program believed terminated.
	Water Carrier					
	Oleg Koshevoi	1	1,790	2,950		Total vessels completed - 2.
	Tugs	<u>NA</u>	15,000	13,500		
	Barges	NA	1,000	5,000		
	Misc. coastal and auxiliary self-propelled	NA	1,650	2,770		Estimated at 5 % of total cargo and tanker tonnage.
	Doi: properted	1			ZOO . CIA BDBZOO	
	GRAND TOTAL MARITIME		1 72,470	106, 207	- 57 -	1100A000200150001-2

			Comple		Under Construction	19		
			Tons	(English)	At Year End			
1- <u> </u>	Type and Class	No.	Light Ship	Gross Register	No.	Remarks		
FIS	HING							
Fi	shing vessels	NA	57 , 230	50, 200		Includes trawlers, seiners, luggers, tenders, etc. Excludes fish factory trawlers, processing vessels, refrigerator tran port vessels, and whaling fleet vessels.		
	ish factory trawlers hale catchers	8 10	18,560 9,400	25, 360 8, 400		Total catchers completed - 21. 25X1		
TO	TAL FISHING VESSELS		85, 190	83,960		·		
			<u> </u>					
		1			ŀ			
•		:						
		1.	A	D-1 0000/0		01100A000200150001-2		

COUNTRY: USSR						NT VESSEL PRODUCTION
		Comple	ted	Under		1958
				Construction		
		Tons	(English) Gross	At Year End		
Type and Class	No.	Light Ship	Register	No.	Remarks	
Type date oddos	 		1.0815501	1.0.	A CONCERNO	
INLAND					•	
0.16	i	Horsepowe	r			,
Self-propelled vessels	NA	115, 100				
		DWTCC*			*Deadweight tons cargo capacity	
Non-self-propelled vessels						
Steel	NA	170,600				
₩ood	NA	124, 400				
TOTAL	1	295, 000		ļ .		
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The state of the s	COUNTRY: USSR		Comple		Under Construction	MERCHANT VESSEL PRODUCTION
į .				(English)	At Year End	
1	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
	MARITIME					
	Tanker					,
:	Kazbek class Oleg Koshevoi	7 4	33, 180 7, 160	57,603 11,800		Total vessels completed - 60. Total vessels completed - 18. Program terminated.
	Total tanker	11	40,340	69, 403		
1 may 2 m	Cargo					
1,000	Leninskiy Komsomol class Inzhener Belov class	1	5,960	12,090		First vessel completed in this class.
	(cotton/timber)	2	3,140	5,800		First vessels completed in this class.
	Total cargo	3	9,100	17,890		
	Refrigerator					
	Sevastopol class	<u>2</u>	9,500	11,046		First vessels completed in this class.
	Passenger	<u>0</u>	<u>o</u>	<u>o</u>		
	Icebreaker					'
	Lenin class (Atomic)	1	14, 270	13,000		
i						
	:					
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		Comple		Under Construction	1
			(English)	At Year End	"
Type and Class	No.	Light Ship	Gross Register	No.	Remarks
MARITIME (Continued)					
Hydrographic survey					
Voyeykov class	1	2, 320	3,170		First vessel completed in this class.
Water Carrier					
Oleg Koshevoi class	1	1,790	2,950		Total vessels completed - 3. Program believed terminated.
Tugs	NA	15,000	13,500		
Barges	NA	1,000	5,000		
Misc. coastal and auxiliary self-propelled	NA	2,470	4, 360		Estimated at 5 % of total cargo and tanker tonnage.
GRAND TOTAL MARITIME		95,790	140, 319		
			and the second		
	1		1	1	

2			Comple	ted	Under Construction	1959		
5			Tons	(English)	At Year End			
•	Type and Class	No.	Light Ship	Gross Register	No.	Remarks		
	FISHING							
X1	Fishing vessels	NA.	68,400	60,000		Includes trawlers, seiners, luggers, tenders, etc. Excludes fish factory trawlers, processing vessels, refrigerator transport vessels, and whaling fleet vessels.		
	Fish factory trawlers Whale factory vessel Whale catchers	11 1 14	25, 520 16, 830 13, 160	34,870 32,024 11,760		First vessel completed in this class. Total catchers completed - 35.		
	TOTAL FISHING VESSELS	,	123, 910	138,654				
1								

			Comple		Under Construction	A	1959
	•		Tons	(English)	At Year End		
	Type and Class	No.	Light Ship	Gross Register	No.	Remarks	
	INLAND						
	Self-propelled vessels	NA	Horsepowe 130,700	r			
	Non-self-propelled vessels		DWTCC*			*Deadweight tons cargo capacity.	25
	Steel Wood	NA NA	198,000 62,000				
	TOTAL		260,000	1		;	
					·		
:							
:							
:							
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e de la companya de l	COUNTRY: USSR		Comple	eted	Under	MERCHANT VESSEL PRODUCTION 19
Vi falika.	: ;		Tons	(English)	Construction At Year End	
1	Type and Class	No.	Light Ship	Gross Register	No.	Remarks
	MARITIME					
	Tanker					25X1
	Kazbek class	5	23, 700	41,145	. 3	Program may continue on one way only terminated Total vessels completed - 65.
	Pekin class	2	18, 320	42,512	2	First vessels completed in this class.
	Total tanker	7	42, 020	83, 657	5	25X1
	Cargo					
	Leninskiy Komsomol class Inzhener Belov class	3	17,880	36, 270	6	Total vessels completed - 4.
	(cotton/timber) Pavlin Vinogradov class	4	6, 280	11,600	2	Total vessels completed - 6.
	(grain/timber)	1	3,110	4,750	2	First vessel completed in this class.
	Total cargo	8	27, 270	52,620	<u>10</u>	
V	Refrigerator					
1	Sevastopol class	1	4,750	5,523	1	Total vessels completed - 3. Program may continue on only or
	Passenger:					way 2
	Kirgizstan class	2	4,700	6,438	1	First vessels completed in this class.
	Icebreaker					-
5+	Port class	1	2, 400	2,000	3	First vessel completed in this class.

	Completed			Under Construction		196	
		Tons (English		At Year End			
Type and Class	No.	Light Ship	Gross Register	No.	Remarks		
MARITIME (Gontinued)							
					() (A)	, · ·	
Hydrographic survey			170				
Voyeykov class	1	2, 320	3,170		Total vessels completed - 2.		
Tugs	NA	15,000	13,500				
Barges	NA	1,000	5,000				
Misc. coastal and auxiliary self-propelled	NA	3, 480	6,810	in and	Estimated at 5 % total cargo and tanker tonnage		
GRAND TOTAL MARITIME		102, 940	178, 718				
		1.			*		
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COUNTRY: USSR Type and Class		Comple	ted	Under	MERCHANT VESSEL PRODUCTI		
			(English)	Construction			
		Light Gross Ship Register		At Year End	Remarks		
FISHING							
Fishing vessels	NA	68, 400	60,000	<u></u>			
rishing vessels		00, 400	80,000	Continuing	Includes trawlers, seiners, luggers, tenders, etc. Exludes fish factory trawlers, processing vessels, refrigerator		
Fish factory trawlers	11	25,520	34,870	.5	transport vessels, and whaling fleet vessels.		
Whale catchers	16	15,040	13, 440	10	Total catchers completed - 51.		
TOTAL FISHING VESSELS	9	108,960	108,310		Under construction at year end are 2 whale factory vessels,		
			1	*	estimated completion fall 1961 and possibly fall 1962 re-		
11.00				*	spectively; and 2 crab canning vessels, estimated completion 1961 and 1962 respectively.		
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COUNTRY: USSR						MEI	RCHANT VESSEL PROD	
		Comple	ted	Under Construction At Year End			19	
		Tons	(English)					
Type and Class	No.	Light Ship	Gross Register			Remarks		
INLAND		Horsepowe		7				
Self-propelled vessels	NA	141,200	Ľ		*			
Non-self-propelled vessels		DWTCC*			*Deadweight tons cargo cap	acity.		
Steel		240,000						
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